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I hereby certify that this correspondence is better facstmile frankmited to the Petert and Tredemark Office, tecstmile nat (203) 878-93(8, to the date shown below.

Dated: 9 13/05 Signsture; (David J. Powers)

Docket No.: 102323-0130 (PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Jonathan E. Greene

Application No.: 10/643,164

Filed: August 18, 2003

Art Unit: 2124

For: METHODS AND APPARATUS FOR FAST

Examiner; C. C. Do

FOURIER TRANSFORMS

RESPONSE TO SECOND FINAL ACTION

MS AF Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action mailed July 12, 2005, please amend the above-identified U.S. patent application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.

OK to enter CO 09/27/05